

IN THE CLAIMS

Please rewrite claims 1, 17, 34, and 35 as follows:

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1. (FOUR TIMES AMENDED) A radio receiver comprising a receiving system for receiving a radio signal according to plural types of radio communication modes, each of which deals with a radio signal having a different power-density spectrum, said receiving system comprising plural types of amplifiers, each of which corresponds to one of said radio communication modes, each amplifier amplifying a received signal according to said corresponding radio communication mode, said radio receiving system further comprising a control unit which selects, based on a radio signal that has been actually received, a waiting mode corresponding to one of said plural types of radio communication modes, and uses an amplifier from said plural types of amplifiers, said amplifier corresponding to the selected waiting mode corresponding to said one of said plural types of radio communication modes.

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17. (FOUR TIMES AMENDED) A radio receiver comprising:

a reception system for receiving a radio signal according to plural types of radio communication modes, each of which deals with a radio signal having a different power-density spectrum, in which a single amplifier shared by said radio communication modes is provided for amplifying the received signal; and

a control portion for changing an operating condition of said single amplifier into that adapted to said radio communication mode of a radio signal that has been actually received, said control portion comprising a control unit, said control unit selecting, based on the radio signal that has been actually received, a waiting mode corresponding to one of

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cont.

said plural types of radio communication modes, and changing said operating condition of said single amplifier into that adapted to the selected waiting mode corresponding to said one of said plural types of radio communication modes.

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34. (FOUR TIMES AMENDED) A signal amplifying method in a radio receiver for receiving a radio signal according to plural types of radio communication modes, each of which deals with a radio signal having a different power-density spectrum, comprising the steps of:

selecting by a control unit, based on a radio signal that has been actually received, a waiting mode corresponding to one of said plural types of radio communication modes;

selecting by said control unit one of plural types of amplifiers, each of which corresponds to one of said radio communication modes, said selected amplifier corresponding to the selected waiting mode which in turn corresponds to said one of said plural types of radio communication modes; and

amplifying the received signal using only the selected amplifier of said plural types of amplifiers.

35. (FOUR TIMES AMENDED) A signal amplifying method in a radio receiver for receiving a radio signal according to plural types of radio communication modes, each of which deals with a radio signal having a different power-density spectrum, comprising the steps of:

selecting by a control unit, based on a radio signal that has been actually received, a waiting mode corresponding to one of said plural types of radio communication modes;

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changing by said control unit an operating condition of a single amplifier, which is shared by said radio communication modes, said single amplifier amplifying said received signal, said operating condition being changed into an operating condition adapted to the selected waiting mode corresponding to said one of said plural types of radio communication modes; and

with said operating condition changed, amplifying said received signal.
